

HERE LIE THE REMAINS OF MOBY DICK
45FT LONG AND 7FT THICK
ONCE THE DELIGHT OF EVERY WHALEEN
NOW ALAS! DEPRIVED OF ALL HIS BALEEN
LET US SHED A TEAR IN WALKER BAY
IT MAKES NO DIFFERENCE EITHER WAY

HF Happenings

No 512

July 2012

The photograph in HF Happenings 511 was taken in Kimberley at the Honoured Dead Memorial.

The 2012 IARU HF World Championships

The 2012 IARU HF World Championships will take place during the second full weekend of July, beginning at 12:00 UTC on Saturday 14 July and ending at 12:00 UTC on Sunday 15 July 2012.

The objective of this contest is to contact as many other amateurs, especially IARU Member Society HQ stations, around the world as possible using the 160, 80, 40, 20, 15 and 10 metre bands using phone and/or CW. The Member Society HQ station counts as a multiplier as well as members of the Regional Executive Committees and the Administrative Council.

All IARU Region 1 Member Societies are invited to actively participate with their local stations and to encourage their members to participate as well. The rules for the 2012 contest are available at <http://www.arrl.org/iaru-hf-championship>

South African Radio League
Suid-Afrikaanse Radioliga

Member Society of the International Amateur Radio Union since 1925

Subscribe to HF Happenings via HF_Happenings_subscribe@yahoogroups.com

http://groups.yahoo.com/group/HF_Happenings

Logbook of the World now Supports CQ's WPX Award

The wait is over! After weeks of beta testing, the ARRL launched the integration of Logbook of The World (LoTW) - its electronic confirmation system - with CQ Magazine's Worked All Prefixes (WPX) Award on Monday, July 2. The WPX Award is the first of the CQ-sponsored awards that LoTW will support. More than 51 000 radio amateurs worldwide use Logbook of The World, and there are currently almost 432 million QSOs in the LoTW system. Read more at www.arrl.org/news/arrl-launches-logbook-of-the-world-wpx-award-integration.

Youth Day Sprint Results

Why not give QRP contesting a try during the next couple of weekends?





The winner of the SARL Youth day Sprint is Karel Bezuidenhout, ZU6KB. Karel is 18 year old and will receive a certificate and a hardcover ARRL Handbook. Second was 16-year-old Hendrik Veldman, ZU6LD. He will receive a certificate and ARRL Basic Antennas and third was 15-year-old Dean Coetzee, ZS6DPC. He also receives a certificate and the ARRL ABCs of Software Defined Radio Guide. Mishaat operating from ZS2PE, won the lucky draw prize, a 40-metre receiver kit and the year SARL student membership was won by Tom Lewis, ZU5TOM.

Congratulations to all the winners. Their prizes will be in the mail during next week.

DX World Guide

The third edition of the "DX World Guide", by Franz Lagner, DJ9ZB, is the first edition using colour throughout and the first to be entirely in English. The 384-page book includes detailed entries for well over 300 DX "entities."

It is available in both print and digital (CD) formats; orders can be placed on the CQ Communications on-line store at <http://store.cq-amateur-radio.com>.

QSL Manager of the Year

The Golist QSL Manager Data Service is reviving its QSL Manager of the Year Award. The purpose of this award is to recognize the service provided by QSL managers to the world-wide DX community. The definition of a QSL Manager for this award is "any person who confirms contacts via printed QSL card for any station other than their primary call sign". A plaque, donated by DX Publishing, Inc., publisher of QRZ-DX and The DX Magazine, will be awarded to the QSL Manager of the Year selected, at the W4DXCC Convention held in Pigeon Forge, Tennessee in September 2012.

Nominations will be accepted from DX and Contest clubs, which are encouraged to poll their members for their nominations for the Top 5 QSL Managers for 2012. Each club should tabulate the votes of their members and submit to the Golist the Top 5 vote getters. The deadline is 1 August 2012. The recognised format for clubs submission is: Club Name; Club Officer (Name, Call Sign, club office and email address); Top 5 QSL Manager Nominees (list name and call sign); put QSL Manager of the Year-2012 in the subject line and sent the message to golist@gmail.com.

Conway Reef, 3D2C

Paul Ewing, N6PSE, sent out the following press release #1 on 3 July: "the World-Wide DX Group, led by Hrane Milosevic, YT1AD, is pleased to announce our next DXpedition, as 3D2C from the remote south-pacific atoll of Conway Reef. This DXpedition will take place from 24 September to 5 October 2012. The World-Wide DX Group is the same group which brought you the recent 3D2C Rotuma island DXpedition in September 2011.

Our primary objective is to activate Conway Reef with a goal of providing as many DXers as possible a "new one" with this rare DXCC entity and, as a secondary objective, to give as many

July

1 to 6 – Fauresmith Endurance Race
2 to 8 – Mr Price Pro Ballito, Willard Beach

7 – Vodacom Durban July, Greyville Racecourse

6 to 15 – Pick n Pay Knysna Oyster Festival

13 and 14 East Cape Biltong Festival, Somerset East

14 and 15 – IARU HF Championships

16 – Schools open

21 – SARL Winter QRP Contest

22 – Boland ARC 40 m Contest

25 – SARL 80 m Club Contest, CW

28 – Potjie and Mampoer Fees, Stonehaven, Vanderbijlpark

1 July to 31 August – Christmas in July, Sani Mountain Lodge, Lesotho

If you are attending any events, take your amateur radio with and spread the word about our hobby!





band-slots as possible. We will target European contacts during those periods when propagation is possible and we will ask JA and north America to stand by during those brief periods when the bands are open to EU.

The team consists of sixteen operators including - Hrane Milozevic, YT1AD, co-leader Alex Romanov, UA4HOX, co-leader Paul Ewing, N6PSE, Dave Flack, AH6HY, David Jorgensen, WD5COV, Vasily Kozorodov, RW4NW, Dr. Alan Eshelman, K6SRZ - team physician, Alan Maenchen, AD6E, Sergej Yanovsky, RZ3FW, Craig Thompson, K9CT, Stanislav Vatev, LZ1CG, George Williams, N6NKT, Alexander Kuznetsov, RW3RN, Peter Sprengel, PY5CC and Mike Flowers, K6MKF.

Our QSL manager is Hrane Milozevic, YT1AD. We will have OQRS, we will accept direct and bureau QSL cards. We plan to upload our logs to club log on a daily basis. At this time, we are seeking foundation, club and individual support for this DXpedition. You can find out more about our plans on our website www.yt1ad.info/3d2c/index.html. The World-Wide-DX Group

P5, North Korea

P5/K6VVA pending "CW only" and IOTA AS-197 Activation Proposal Project. Rick, K6VVA, states: "This is a 'Work-In-Progress' update and Interest Level Survey." Press release by Rick states on his Web page: "P5 'CW only' & IOTA AS-197 Project

History... During the past 6 years, I have had more than 50 cordial telephone conversations with DPRK personnel seeking official permission to operate from P5. Along with email proposals and discussions in this matter, substantial efforts have been made to obtain a P5 license.

For more than a year now, I have now been working with an NGO Organisation, which is well respected in the DPRK as a result of Humanitarian work they have done in P5 for many years. I have personally donated several thousands of dollars to this organization and another NGO specifically for both Food and Medical related relief projects to the people in need within the DPRK Representatives from both organisations personally supervise the final delivery and distribution of agricultural, food and medical related items in the DPRK to ensure the integrity of the donation programs.

New developments... For several months now, my NGO contact and I have been discussing a possible new venue, which would be mutually beneficial in helping to accomplish each of our objectives in the DPRK.

A longstanding goal has been to combine the need for a "CW only" P5 Expedition with the first time activation of at least one P5 IOTA 'New One'. I believe an opportunity now exists to combine these goals in conjunction with unique "Cultural" and "Humanitarian" objectives which have been formulated for review by DPRK. Authorities. There is strong support from the NGO in this effort.

Clarification... I need to make it very clear than I am *NOT* seeking any donations at this point, but rather only an indication of the level of potential contributions for the related "Humanitarian" purposes likely required in order for approval of this project and issuance of a P5 license.

Although I will be paying ALL my own expenses for the Expedition, a quite large 'threshold' amount for the 'Humanitarian' part of the proposal has been established which may be necessary for this P5 Project to succeed. NO future donations will come to me personally, but rather be directed to the very well respected NGO specifically earmarked for the DPRK relief part of the P5 Project proposal AFTER the Expedition has concluded. There are some remaining details yet to be finalized.

The challenge... Written approval from at least four separate DPRK Ministries and entities (including the DPRK Military) is necessary in order for this to happen. Based upon a detailed review of several previous P5 Expedition attempts that did not result in getting on the air, a key





objective in this matter is to minimize potential failure upon arrival at the final destination in P5.

It has been a very long 6 years thus far, but I believe the time has finally come to 'fish or cut bait'. I have espoused that 'Ham Radio Operators' are known to be generous contributors to Humanitarian causes. Being able to provide an indicator of this to the DPRK Authorities up-front can potentially make the difference between another 'No', or finally YES' in obtaining the desired P5 license.

Another purpose of this Expedition is to hopefully further 'open the door' for a future Multi-Operator venue in P5, as well as activation of the other 3 remaining P5 IOTA 'New Ones'.

Preparation... My five 2011 IOTA Expeditions to NA-041, NA-066, NA-091, NA-184 and NA-242 ('New One') were also used to fine-tune operational matters as well as test antenna designs for P5 use in a small venue footprint most likely acceptable to the DPRK Authorities. The plan is 4 days activity with 200 watt radios and 'Verticals near salt water'. I have all the radio, antenna and computer equipment necessary for this expedition, including two KPA500 amplifiers (approval for use of the amps in P5 is questionable at this time).

Thanks very much in advance for your possible participation in the Humanitarian aspect of this P5 'CW ONLY' and IOTA AS-197 Project. For any updates, check Twitter <http://www.twitter.com/k6vva>. Click here to indicate your interest level <http://www.k6vva.com/p5/p5interest.html>

73, Rick, K6VVA (The Locust); FOC (First Class CW Operators' Club), NCCC Co-Founding Member.

P5. This is NOT a solicitation for contributions or donations, but only an inquiry to obtain an idea as to the possibilities of achieving the minimum 'threshold' amount set forth in the proposal to hopefully make this 'Cultural & Humanitarian' endeavour also become a reality for P5 'CW only' and first time activation of IOTA AS-197." For more information/updates, watch <http://www.k6vva.com/p5>

African DX

Mozambique, C9. Ivor, ZS1WY, is currently active as C91IW and is expected to stay until the end of 2013. He has been spotted already on 160 m. QSL via ZS1WY.

Chad, TT8. Phil, F4EGS, will be active as TT8PK from N'djamena, until 6 August. Activity will be limited due to his work schedule and spare time. QSL via F4EGS, the Bureau or direct.

Senegal and the Gambia, 6W & C5. Dom, M1TKA, will activate two African countries during the month of August. His tentative schedule is as follows - 15 to 22 August from Senegal signing 6W/M1KTA, and 22 to 29 August from the Gambia using the call sign C5/M1KTA. Activity will be on most HF bands using SSB, PSK and CW (in that order). He also mentions that he will use 6 metres if open from Senegal. For more information and updates, visit his Blog page at <http://m1kta-grp.blogspot.com>

ST2AR QRT: After two years and seven months Robert, ST2AR, went QRT with 138 000 QSOs in the log. He will work in Rome for the next 5 - 6 years.

African Islands





Canary Islands, EF8. Luis, EA8AY, will be active as EF8X from Tenerife Island (IOTA AF-004, DIE S-012, WLOTA 1276, EAA TF) during the RSGB IOTA Contest (28 and 29 July) as a Single-Op/All-band entry. QSL via W2GR. Visit his Web site at <http://www.ea8ay.com/ef8x>

Rodrigues Island, 3B9. A team of operators from Switzerland known as the "Radio 7 Team" will be active as 3B9SP from Rodrigues Island (AF-017) between 16 and 23 October. Operators currently mentioned are Manfred, HB9ACA, Michel, HB9BOI, Herbert, HB9BOU, Eugen, HB9BQP, Nicolas, HB9CYF, Cedric, HB9HFN, Bertrand, HB9SLO, Fritz, HB9TNA and Alain, HB9TYJ. The pilot station will be Sebastien, HB9ICC and the coordination in Mauritius is Jacky, 3B8CF. Their goal is to set up three amateur radio stations that can be run together on different Amateur Radio bands. Mostly one on CW, one on SSB and the third running special modes like RTTY and PSK31. They hope to use small 400 watt solid state amplifiers for the CW and SSB stations.

Activity will be on 160 - 6 metres using two 3 element Spiderbeams (20, 17, 15, 12 and 10 m), verticals for 40, 30 and 20 m, a Butternut HF2V for 160, 80 and 40 m and a Slim Jim for 6 meters. QSL via HB9ACA direct or use the OQRS on ClubLog. The logs will be uploaded to LotW within 6 months after the DX Operation.

Special Event Stations

Algeria, 7X. Members of the "Amateurs Radio Algeriens" (ARA - 7X2ARA) will be active using special prefixes to celebrate the 50th anniversary of the Algerian Independence between now and 31 December. A special award/diploma is available for obtaining 50 points by working the following stations:

7T50I - Official Station (RC Algiers); 10 points; QSL via 7X2ARA

7W50I - Radio Club Station from East and South East area (RC Bou-Saada); 5 points; QSL via 7X2ARA

7V50I & 7U50I - Radio Club Stations from the south zone (RC Laghouat); 5 points; QSL via 7X2ARA

7Y50I - Radio Club Station from the West and South West area (RC Mos-taganem); 5 points; QSL via 7X2ARA

7X ordinary Algerian stations; 3 points

Complete details about the award are available on QRZ.com under any of the above special call signs.

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 2 to 9 July 2012.

10-10 International Spirit of 76 QSO Party

00:01 UTC 2 July to 24:00 UTC 8 July

Mode: CW, SSB, PSK31, RTTY, FM, AM

Bands: 10 m Only

Classes: Individual; Club; QRP

Max power: non-QRP: >5 watts; QRP: 5 watts

Exchange: 10-10 Member: Name, 10-10 number and state, province or country; Non-Member: Name, 0 and state, province or country

Work stations: Once per mode

QSO Points: 1 point per QSO with a non-member; 2 points per QSO with a 10-10 member

Multipliers: (none)

Why not give QRP contesting a try during the next couple of weekends?





Score Calculation: Total score = total QSO points

Submit logs by: 23 July 2012

E-mail logs to: tentencontest@roadrunner.com

Mail logs to: Dan Morris, KZ3T, 131 Valencia Ln, Statesville, NC 28265, USA

Find rules at: <http://ten-ten.org/Forms/spirit.pdf>

RSGB 80 m Club Championship, CW

19:00 - 20:30 UTC 2 July

Mode: CW

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 9 July 2012

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsgbcc.org/hf/rules/2012/r80mcc.shtml>

ARS Spartan Sprint

01:00 - 03:00 UTC 3 July

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Skinny

Tubby

Max power: 5 watts

Exchange: RST, state, province or country and power

Work stations: Once per band

Submit logs by: 5 July 2012

E-mail logs to: spartansprint@yahoo.com

Mail logs to: (none)

Find rules at: <http://www.arsgrp.blogspot.com/>

MI QRP 4th July CW Sprint

23:00 UTC 4 July to 03:00 UTC 5 July

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: less 250 Mw; 250 mW - 1 W; 1 - 5 W; greater 5 W

Exchange: RST, state, province or country and member no or power output

Work stations: Once per band

QSO Points: 5 points per QSO with members; 2 points per QSO with non-member W/VE stations; 4 points per QSO with non-member DX stations

Multipliers: Each state, province or country, once per band

Bonus: multiply total points by 1,25 if xmtr or receiver is homebrew; Bonus: multiply total points by 1,5 if both xmtr and receiver are homebrew

Score Calculation: Total score = bonus multiplier x total QSO points x total mults

Submit logs by: 3 August 2012





E-mail logs to: n8xx@arrl.org

Mail logs to: Hank Greeb, N8XX, 5727 11 Mile Rd NE, Rockford, MI 49341, USA

Find rules at: <http://www.qsl.net/miqrpcclub/contest.html>

QRP Fox Hunt

01:00 - 02:30 UTC 6 July

Mode: CW

Bands: 20 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 7 July 2012

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: http://www.qrpfoxhunt.org/summer_rules.htm

NCCC RTTY Sprint

01:30 - 02:00 UTC 6 July

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 8 July 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

NCCC Sprint

02:30 - 03:00 UTC 6 July

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: July 8, 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

Venezuelan Ind. Day Contest

00:00 UTC 7 July to 23:59 UTC 8 July





Mode: CW, SSB, PSK

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band - CW, SSB, PSK or mixed; Single Op Single Band - CW, SSB, PSK or mixed; Multi-Single; SWL

Exchange: RS(T) and serial no

Work stations: Once per band per mode

QSO Points: 1 point per QSO with same country; 3 points per QSO with different country, same continent; 5 points per QSO with different continent

Multipliers: Each Venezuelan call area and each DXCC country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 August 2012

E-mail logs to: contestyv@cantv.net

Mail logs to: Radio Club Venezolano, Concurso Independencia de Venezuela, PO Box 20285, Caracas 1020-A, Venezuela

Find rules at: <http://www.radioclubvenezolano.org/rules.htm>

DL-DX RTTY Contest

11:00 UTC 7 July to 10:59 UTC 8 July

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op Multi-Band Single Radio; Single Op Multi-Band 6 Hrs Single Radio; Single Op Multi-Band Dipole Single Radio; Single Op Multi-Band Dipole 6 Hrs Single Radio; Single Op Multi-Band; Multi-Single; Multi-Multi

Exchange: RST and QSO no

Work stations: Once per band

QSO Points: 5 points per QSO with same country; 10 points per QSO with different country same continent; 15 points per QSO with different continent; EU Stations: Add 3 QSO points for QSO with DL station; non-EU Stations: Add 5 QSO points for QSO with DL station

Multipliers: Each DXCC country once per band; Each VK, VE, JA and W call area once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 10 August 2012

E-mail logs to: logs@drcg.de

Mail logs to: (none)

Find rules at:
http://www.drcg.de/index.php?option=com_content&task=view&id=24&Itemid=36&lang=en

Original QRP Contest

15:00 UTC 7 July to 15:00 UTC 8 July

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op - VLP, QRP or MP - handmade or open

Max operating hours: 15 hours

Max power: VLP: 1 W; QRP: 5 W; MP: 20 W

Exchange: RST, serial no, "/" and power category





QSO Points: QSO with station who submits log: 4 points; QSO with station that does not submit log: 1 point; 15% bonus for use of TR/TRX assembled from kit; 30% bonus for use of unique handmade TR/TRX

Multipliers: DXCC Countries: 2 mult points if station submits log, 1 mult point if no log

Score Calculation: Total score = total QSO points x total mult points

Submit logs by: 31 July 2012

E-mail logs to: oqrpc@qrpcc.de

Mail logs to: Lutz Gutheil, DL1RNN, Bergstrasse 17, D-38446 Wolfsburg, Germany

Find rules at: <http://www.qrpcc.de/contestrules/oqrpr.html>

PODXS 070 Club 40 m Firecracker Sprint

20:00 local 7 July to 02:00 local 8 July

Mode: PSK31

Bands: 40 m Only

Classes: QRP; Low Power; Medium Power

Max power: Medium Power: 100 watts; Low Power: 50 watts; QRP: 5 watts

Exchange: RST, state, province or country

QSO Points: 1 point/QSO

Multipliers: Each state, province and DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 July 2012

E-mail logs to: lowbandsprints@yahoo.com

Mail logs to: Eric Dallmann, K9VIC, 15707 S. River Rd., Plainfield, IL 60544, USA

Find rules at: <http://www.podxs070.com/40-meter-firecracker-sprint>

SKCC Weekend Sprintathon

00:00 - 23:59 UTC 8 July

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: (none)

Exchange: RST, name, state, province or country and SKCC no or "NONE"

Work stations: Once per band

QSO Points: 1 point per QSO

Bonus Points: (see rules)

Multipliers: Each state, province or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 15 July 2012

Post log summary at: <http://wes.m0trn.com/submission.php>

Mail logs to: (none)

Find rules at:

http://www.skccgroup.com/operating_activities/weekend_sprintathon/

DARC 10-Meter Digital Contest

11:00 - 17:00 UTC 8 July

Mode: RTTY, Amtor, Clover, PSK31, Pactor

Bands: 10 m Only

Classes: Single Op; SWL





Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: Each WAE/DCXX area; Each W/VE call area

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 July 2012

E-mail logs to: do1npf@darc.de

Mail logs to: Peter Frank, DO1NPF, Postfach 11 19, 90515 Altdorf, Germany

Find rules at:

<http://www.darc.de/referate/ukw-funksport/bild-und-schrift-wettbewerbe/corona-maerz/teilnahmebedingungen/>

QRP ARCI Summer Homebrew Sprint

20:00 - 23:59 UTC 8 July

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: All Band; Single Band; High Bands; Low Bands

Exchange: RST, state, province or country and ARCI no or power

Work stations: Once per band

QSO Points: 5 points per QSO with ARCI member; 4 points per non-member QSO with different continent; 2 points per non-member QSO with same continent

Bonus Points: 2 000 points per band for using homebrew transmitter; 3 000 points per band for using homebrew receiver; 5 000 points per band for using homebrew transceiver; 5 000 points for operating portable with emergency power and temporary antennas

Multipliers: States, once per band; VE Provinces, once per band; Countries, once per band

Power Mult: >5 W = x 1, 1 - 5 W = x 7, 250 mW - 1 W = x 10, 55 - 250 mW = x 15, <55 mW = x 20

Score Calculation: Total score = (total QSO points x (state mults and province mults and country mults) x power mult) and bonus points

Submit logs by: 22 July 2012

E-mail logs to: contest@qrparci.org

Mail logs to: QRP Summer Homebrew Sprint, c/o Jim Rodenkirch, K9JWV, 762 Saint James Lane, Saint George, UT 84790, USA

Find rules at: <http://www.qrparci.org/content/view/8396/118/>

NAQCC-EU Monthly Sprint

18:00 - 20:00 UTC 9 July

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op

Max power: 5 watts

Exchange: RST, country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each country in Europe; First country in each continent worked other than Europe

Key Type Mult: 2x if straight key, 1.5x if bug, 1x if other

Score Calculation: Total score = total QSO points x total mults x key type mult





Submit logs by: 20:00 UTC 12 July 2012

E-mail logs to: submitlog@naqcc-eu.org

Upload log at: <http://www.naqcc-eu.org/autologger/>

Mail logs to: M Ireland MW3YMY, Pen-y-Gadlas, Ffordd Bryniau, Meliden, Prestatyn, Denbighshire LL19 8RD, UK

Find rules at: <http://naqcc-eu.org/SprintHelp/SprintRules.pdf>

Next Week's Contests

CWops Mini-CWT Test, 13:00 - 14:00 UTC; 19:00 - 20:00 UTC 11 July and 03:00 - 04:00 UTC 12 July

RSGB 80 m Club Championship, SSB, 19:00 - 20:30 UTC 11 July

QRP Fox Hunt, 01:00 - 02:30 UTC 13 July

NCCC Sprint, 02:30 - 03:00 UTC 13 July

FISTS Summer Sprint, 00:00 - 04:00 UTC 14 July

CQC Great Colorado Gold Rush, 20:00 - 21:59 UTC 15 July

History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 2 July 2012.

1595 Johannes Kepler inscribes geometric solid construction of universe

1687 Isaac Newton's PRINCIPIA published by Royal Society in England

1866 Indelible pencil patented by Edson P Clark, Northampton, Mass

1876 First public exhibition of electric light in San Francisco.

1924 First photo sent experimentally across Atlantic by radio, US-England

1951 Junction transistor invention announced, Murray Hill, NJ

1962 First transatlantic TV transmission via satellite (Telstar I)

1978 Pioneer-Venus 2 Multi-probe launched to Venus

1981 First solar-powered aircraft, Solar Challenger, crosses English Channel

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC

